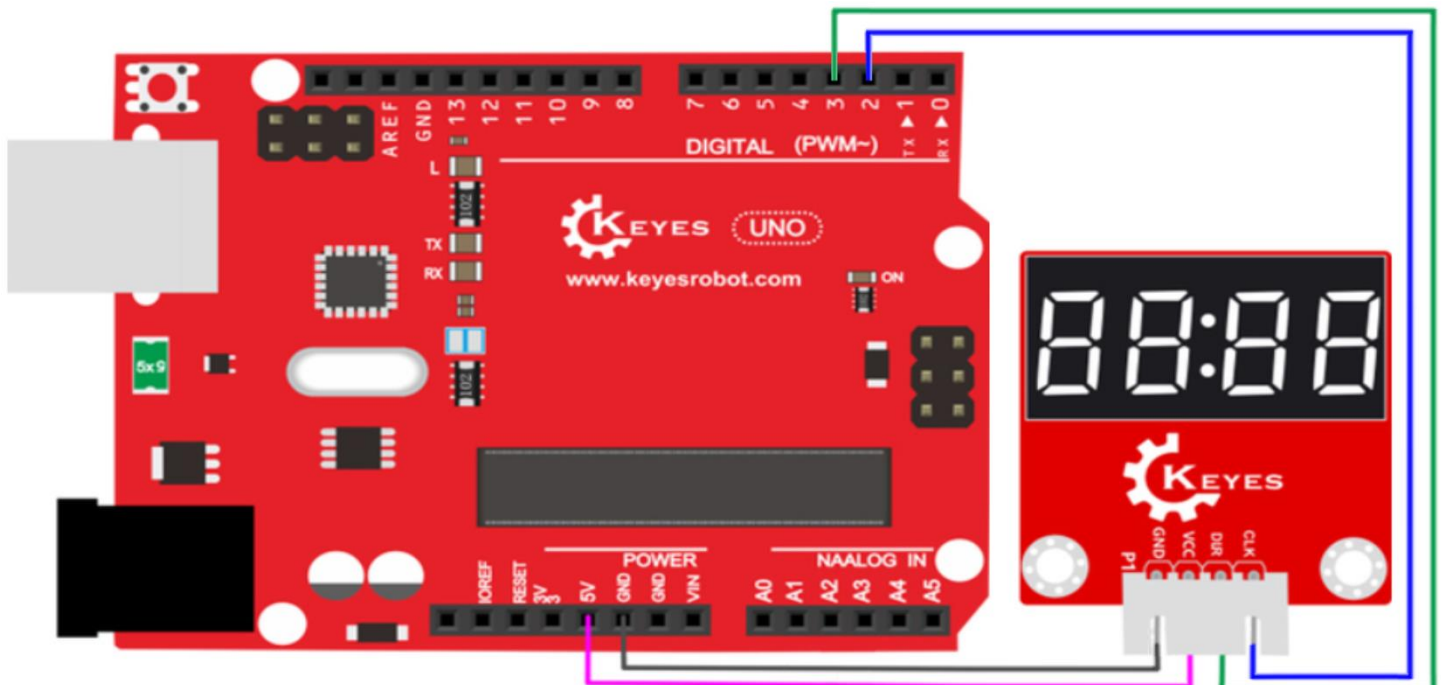


KE2057 KEYESLED I2C four-digit display module



Connection Diagram:



Library for TM1637: <https://github.com/avishorp/TM1637>

Sample Code:

```
#include "TM1637.h"
#define CLK 2//pins definitions for TM1637 and can be changed to other ports
#define DIO 3
TM1637 tm1637(CLK,DIO);
void setup()
{
    tm1637.init();
    tm1637.set(BRIGHT_TYPICAL);//BRIGHT_TYPICAL = 2,BRIGHT_DARKEST = 0,BRIGHTTEST = 7;
}
void loop()
{
    //int8_t NumTab[] = {0,1,2,3,4,5,6,7,8,9,10,11,12,13,14,15};//0~9,A,b,C,d,E,F
    int8_t NumTab[] = {0,1,2,3,4,5,6,7,8,9};//0~9,A,b,C,d,E,F
    int8_t ListDisp[4];
    unsigned char i = 0;
    unsigned char count = 0;
    delay(150);
    while(1)
    {
        i = count;
        count ++;
        if(count == sizeof(NumTab)) count = 0;
        for(unsigned char BitSelect = 0;BitSelect < 4;BitSelect ++)
        {
            ListDisp[BitSelect] = NumTab[i];
            i ++;
            if(i == sizeof(NumTab)) i = 0;

            tm1637.display(0,ListDisp[0]);
            tm1637.display(1,ListDisp[0]);
            tm1637.display(2,ListDisp[0]);
            tm1637.display(3,ListDisp[0]);
            tm1637.point(POINT_ON);
            delay(100);
        }
    }
}
```

Result:

Done uploading the code, the 4-digit LED display will show the number from 0 to 9.
The LED segment display is normally on and each segment shows the same digit.